

Remarks/Arguments:

Claims 1, 3, 5-6 and 8-20 are pending. Claims 2, 4, 7 and 21 have been cancelled.

Claims 1, 3, 5-6 and 9-20 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of Murphy et al. and Ando et al. It is respectfully submitted, however, that the claims are now patentable over the art of record for the reasons set forth below. Applicants' invention, as recited by claim 1, includes features which is neither disclosed nor suggested by the art of record, namely:

... wherein **all** parameter information in the parameter information file associated with one type of data **is stored sequential to all** parameter information in the parameter information file associated with another type of data by using a classification according to a type of data. (Emphasis added).

Basis for these amendments may be found in the specification at page 5, lines 3-5, lines 13-15 and Figure 1.

Applicants' exemplary embodiment includes a parameter information file 16 (Fig. 2). The parameter information file 16 includes a header portion 40 and storage portions 44-49. The header portion 40 indicates a position where groups of parameter information are located in storage portions 44-49 for different types of data files (i.e. audio, image and video), as shown in Fig. 2.

With respect to "stored sequential," **all** parameter information for the audio type files, image type files and audio type files are stored sequential to each other at positions N, M and K, respectively, as shown at Fig. 2. Position N represents a recording position of **all** parameter information for the audio type files (#1, ..., #n) starting at N byte. Position M represents a recording position of **all** parameter information for the image type files (#1, ..., #m) starting at M byte. Position K represents a recording position of **all** parameter information for the video type files (#1, ..., #k) starting at K byte. (Page 13, line 22 to page 14, line 7). That is, Applicants' exemplary embodiment discloses "... wherein **all** parameter information in the parameter information file associated with one type of data is stored sequential to **all** parameter information in the parameter information file associated with another type of data by using a classification according to a type of data," as recited in amended claim 1.

The Office Action admits that Murphy does not disclose "... a group of parameter information associated with one type of data is stored sequential a group of parameter information associated with another type of data by using a classification according to a type of data." However, the Examiner argues that Fig. 10 B of Ando discloses these features. (Office Action, page 3, lines 15-21).

Fig. 10B of Ando discloses cells A to G which are stored sequentially. As shown at Fig. 7 of Ando, each cell has multiple types of data (i.e. video pack 88, dummy pack 89, sub-picture pack 90 and audio pack 91). **All** of the information associated with each of the multiple types of data in Ando, however, is **not stored sequential** to all the information associated with another type of data.

For example, Ando stores information associated with one type of data (i.e. audio pack 91) sequential to information associated with another type of data (i.e. video pack 88). However, Ando then stores another video pack (the one type of data) after audio pack 91. That is, all the information associated with another type of data (video) is stored both **before and after** the information associated with the one type of data (audio). Only **part** (not all) of the information associated with the video data is stored sequential to the audio data. Thus, Ando does not disclose "... **all** parameter information in the parameter information file associated with one type of data **is stored sequential to all** parameter information in the parameter information file associated with another type of data," as recited in amended claim 1.

Applicants' claimed features of "... **all** parameter information in the parameter information file associated with one type of data **is stored sequential to all** parameter information in the parameter information file associated with another type of data," are advantageous over the prior art because information associated with one type of data can be located more quickly. For example, **all** the information for the audio type files are located by going to the memory location offset at N byte. In contrast, Ando cannot locate **all** the information for one file type by going to a specific memory location because information of another file type is stored at a memory location between the memory locations for the one file type.

Thus, claim 1 is allowable over the art of record. Claims 3 and 5-6 depend from claim 1. Accordingly, claims 3 and 5-6 are allowable also over the art of record.

Claims 9-14, while not identical to claim 1, includes features similar to those set forth above with regard to claim 1. Thus, claims 9-14 are also allowable over the art of record for reasons similar to those set forth above with regard to claim 1.

Claims 15-20 are allowable by virtue of their dependency on allowable claims.

Claim 8 was rejected under 35 U.S.C. § 103(a) as being unpatentable in view of Murphy et al. and Ohnuma. Claim 8 is allowable, however, because it depends from allowable claim 1.

In view of the foregoing amendments and remarks, this Application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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